



State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095

(603) 271-3406

FAX (603) 271-7894

February 6, 2003

Letter of Deficiency

DSP #03-010



Mr. Alan Swan
Public Works Director
Town of Derry
14 Manning Street
Derry, NH 03038

RE: Beaver Brook (aka Meadow Pond) Dam #063.04, Derry

Dear Mr. Swan

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that play a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on November 26, 2002. During this visual inspection and/or file review, the following deficiencies were observed:

There was beaver debris collected in the overflow spillway. This may be a reoccurring maintenance problem at the site;

2. There was brush growth along the downstream face of the dam within 10 feet of the toe; and
3. There is no operations and maintenance plan on file with the DES.

DES believes that the above deficiencies can be corrected by performing the following items by the indicated schedule:

March 14, 2003:

1. Prepare and submit to the DES a written operational procedure plan. The plan should describe the control of impoundment levels, monitoring and maintenance procedures, and identify emergency contact personnel. Include beaver debris removal as a maintenance item. Refer to the enclosed guidelines;

June 30, 2003:

2. Clear brush growth along the downstream face of the dam within 10 feet of the toe;

Continuing basis:

3. Remove beaver debris from the overflow spillway and upstream face of the low level outlet; and
4. Repair erosion damage at the left abutment (end of concrete) and consider armoring this area to prevent damage from overtopping.

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DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the top of the previous page.

Sincerely,

COPY

Grace E. Levergood, P.E.
Dam Safety Engineer

Attachments Guideline for an O&M plan, DB8, DB13

cc: Gretchen Rule ✓

Certified # 7000 1670 0000 0586 377

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